



APPENDIX E

Subject ID	Date of Birth	Date of injury	Date of transplant	ASIA Score	Impairment Scale	Motor	Sensory	Damage Description
CCD-01 Albany	8/18/50	6/29/97	4/13/01	Baseline	-	25	44	Cervical spinal cord injury caused by trauma
				Month 1	-	25	48	
				Month 3	-	25	48	
				Month 6	-	25	52	
				Month 9	-	26	46	
				Month 12	-	24	40	
CLO-02 Wash. U	9/18/45	6/13/99	5/16/01	Baseline	A	56	158	Transverse myelitis
				Month 1	B	57	158	
				Month 3	B	59	172	
				Month 6	B	64	177	
				Month 9	C	66	181	
				Month 12	C	66	189	
WDS-03 Albany	1/22/69	5/28/86	6/12/01	Baseline	-	30	48	Cervical spinal cord injury caused by trauma
				Month 1	-	30	48	
				Month 3	-	31	56	
				Month 6	-	31	54	
				Month 9	-	32	48	
				Month 12	-	-	-	
LDS-04 Wash. U.	6/26/70	3/24/99	7/10/02	Baseline	A	52	142	Lumbar spinal cord injury caused by trauma
				Month 1	B	53	157	
				Month 2	B	54	148	
SRL-05 Wash. U.	3/26/63	11/27/99	9/25/01	Baseline	A	50	132 (day 1 = 95)	Lumbar spinal cord injury caused by trauma
				Month 1	A	50	103	
				Month 3	A	51	100	
				Month 5	B	52	100	

EXHIBIT F

ASIA IMPAIRMENT SCALE

- ☐ **A = Complete:** No motor or sensory function is preserved in the sacral segments S4-S5.
- ☐ **B = Incomplete:** Sensory but not motor function is preserved below the neurological level and includes the sacral segments S4-S5.
- ☐ **C = Incomplete:** Motor function is preserved below the neurological level, and more than half of key muscles below the neurological level have a muscle grade less than 3.
- ☐ **D = Incomplete:** Motor function is preserved below the neurological level, and at least half of key muscles below the neurological level have a muscle grade of 3 or more.
- ☐ **E = Normal:** motor and sensory function are normal

CLINICAL SYNDROMES

- ☐ Central Cord
- ☐ Brown-Sequard
- ☐ Anterior Cord
- ☐ Conus Medullaris
- ☐ Cauda Equina

STANDARD NEUROLOGICAL CLASSIFICATION OF SPINAL CORD INJURY

MOTOR

KEY MUSCLES

	R	L
C2		
C3		
C4		
C5		
C6		
C7		
C8		
T1		
T2		
T3		
T4		
T5		
T6		
T7		
T8		
T9		
T10		
T11		
T12		
L1		
L2		
L3		
L4		
L5		
S1		
S2		
S3		
S4-5		

Elbow flexors

Wrist extensors

Elbow extensors

Finger flexors (distal phalanx of middle finger)

Finger abductors (little finger)

0 = total paralysis

1 = palpable or visible contraction

2 = active movement, gravity eliminated

3 = active movement, against gravity

4 = active movement, against some resistance

5 = active movement, against full resistance

NT = not testable

Hip flexors

Knee extensors

Ankle dorsiflexors

Long toe extensors

Ankle plantar flexors

TOTALS + = (100)

MOTOR SCORE

☐ Voluntary anal contraction (Yes/No)

LIGHT TOUCH

PIN PRICK

	R	L
C2		
C3		
C4		
C5		
C6		
C7		
C8		
T1		
T2		
T3		
T4		
T5		
T6		
T7		
T8		
T9		
T10		
T11		
T12		
L1		
L2		
L3		
L4		
L5		
S1		
S2		
S3		
S4-5		

TOTALS { + = (56) (56) (56)

Any anal sensation (Yes/No)

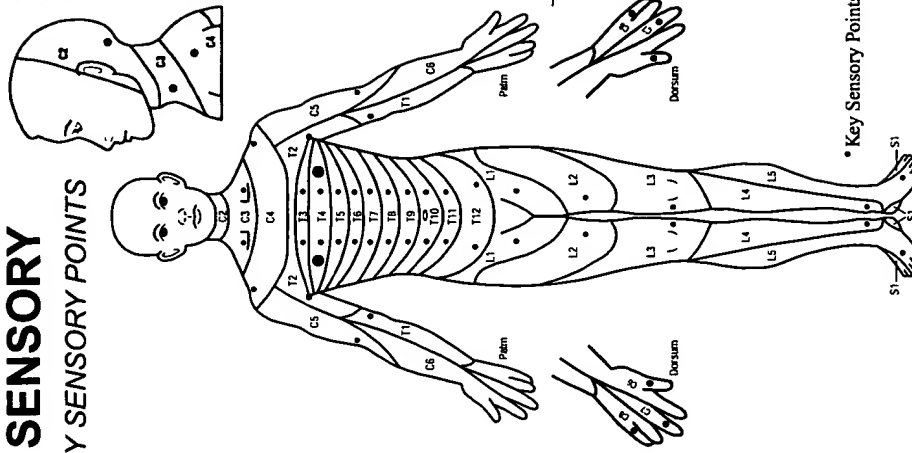
PIN PRICK SCORE (max: 112)

LIGHT TOUCH SCORE (max: 112)

SENSORY

KEY SENSORY POINTS

0 = absent
1 = impaired
2 = normal
NT = not testable



* Key Sensory Points

NEUROLOGICAL LEVEL

The most caudal segment with normal function

	R	L
SENSORY	<input type="text"/>	<input type="text"/>
MOTOR	<input type="text"/>	<input type="text"/>

COMPLETE OR INCOMPLETE? Incomplete = Any sensory or motor function in S4-S5

ZONE OF PARTIAL PRESERVATION Caudal extent of partially innervated segments

ASIA IMPAIRMENT SCALE

	R	L
SENSORY	<input type="text"/>	<input type="text"/>
MOTOR	<input type="text"/>	<input type="text"/>